

Date: Monday, 11/05/2009 1:20:53 PM  
 User: Julie Dawson

## Process Sheet

<b>Customer</b> : CU-DAR001 Dart Helicopters Services	<b>Drawing Name</b> : FRAME
<b>Job Number</b> : 47843	
<b>Estimate Number</b> : 13820	
<b>P.O. Number</b> :	<b>Part Number</b> : D22527
<b>This Issue</b> : 11/05/2009 <b>S.O. No.</b> :	<b>Drawing Number</b> : D2252 REV G
<b>Prsht Rev.</b> : NC	<b>Project Number</b> : N/A
<b>First Issue</b> : / / <b>Type</b> : LARGE FAB ASSY	<b>Drawing Revision</b> : G
<b>Previous Run</b> : 46829	<b>Material</b> :
<b>Written By</b> :	<b>Due Date</b> : 22/05/2009 <b>Qty:</b> 4 <b>Um:</b> Each
<b>Checked &amp; Approved By</b> : <u>JLD 09-05-11</u>	
<b>Comment</b> : Est Rev:A 09.03.18 New Issue EC verified by:DD	

## Additional Product

Job Number:



Seq. #:	Machine Or Operation:	Description :
1.0	M304TS0750W065	304 SQ Tube .75x.75x.065W
<b>Comment:</b> Qty.: 2.1000 f(s)/Unit Total : 8.4000 f(s) 304 SQ Tube .75x.75x.065W batch: <u>M111432</u>		
2.0	LARGE FAB 1	LARGE FABRICATION RESOURCE 1
<b>Comment:</b> LARGE FABRICATION RESOURCE 1  1- Cut as per dwg D2252 2- Deburr and remove identification markings on tube		
3.0	QC5	INSPECT WORK TO CURRENT STEP
<b>Comment:</b> INSPECT WORK TO CURRENT STEP		
4.0	PACKAGING 1	PACKAGING RESOURCE #1
<b>Comment:</b> PACKAGING RESOURCE #1 Identify and Stock Location: <u>WA</u>		
5.0	QC21	FINAL INSPECTION/W/O RELEASE
<b>Comment:</b> FINAL INSPECTION/W/O RELEASE		
<b>Job Completion</b>		

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

ITEM	QTY -041	QTY -043	PART NUMBER	DESCRIPTION
1	X		D2252-041	BASKET ASSEMBLY
3		X	D2252-043	LID ASSEMBLY
7	2	2	D2221-1	RIB
8	5		D2235-1	RIB
9	2	2	D2252-1	FRAME
10		2	D2252-7	FRAME
11	1		D2252-9	FRAME
12	1		D2252-11	FRAME
13	1		D2252-13	FRAME
14	1		D2252-15	FRAME
15	4		D2252-17	FRAME
16		1	D2252-23	FRAME
17	2		D2253-1	LUG
18	2		D2254	GUSSET
19	1	1	D2327-3	BUSHING
20		1	D2329	LABEL PLATE
21	4	2	D2581	MOUNTING CHANNEL
22		2	D2989-19	RIB
23	3		D3748-1	HINGE HALF
24		3	D3749-1	HINGE HALF

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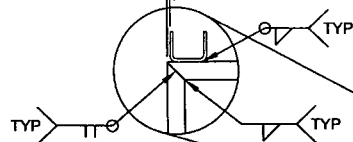
# NOTES:

- 1) FRAME MATERIAL: AISI 304/316 SS, 3/4 x 3/4 x 0.065 WALL SQUARE TUBING  
REF. DART SPEC M304TS0.750W.065
- 2) MESH MATERIAL: 3/4-16F EXPANDED SS  
REF DART SPEC M304EX0.75-16F
- 3) FINISH: POWDER COAT ASSEMBLY GLOSS WHITE (4.3.5.2) PER DART QSI 005 4.3
- 4) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 5) UNITS: INCHES UNLESS OTHERWISE NOTED
- 6) BREAK SHARP EDGES: N/A
- 7) IDENTIFICATION: N/A
- 8) WEIGHT: N/A
- 9) WELDING: PER DART QSI 004

G	ADDED 'ITEM' COLUMN TO PARTS LIST; ADDED NOTE 10 ON SHT 2; ITEMS 23 AND 24 REPLACE D2232-1/-3; STRETCHED LID FROM 95.27" TO 96.00"; ITEM 7 REPLACES D2252-3/-19; ITEM 19 (ON LID) REPLACES D2327-1; ITEM 22 REPLACES D2252-21; UPDATED TOOLING (ZN A6-5). P/N REASON: SEE PAR#09-006.	MB	09.02.03
F	DRAWING UPDATED TO CURRENT STANDARDS. SHT 6 ADDED. SHT 2 VIEWS INVERTED FOR CLARITY. FRAME MATERIAL THICKNESS WAS 0.060.	AJS	08.08.11
E	INCORPORATED D1 & D2. ADDED D2231-1/-3 & D2252-19.	MB	05.11.10
D	MODIFIED LATCH, D2581 WAS D2255-3	BK	99.09.14
C	RE-DRAWN	BK	95.12.11
REV.	DESCRIPTION	BY	DATE
DESIGN	JJB	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWN			
CHECKED		DRAWING NO.	REV. G
MFG. APPR.		D2252	SHEET 1 OF 6
APPROVED		TITLE	SCALE
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DATE	09.02.03	<small>COPYRIGHT © 1994 BY DART AEROSPACE LTD  THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR FOR ANY COMMUNICATIONS TO ANY OTHER PERSON WITHOUT THE WRITTEN PERMISSION OF DART AEROSPACE LTD.</small>	

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10 0.13  
2 PL, REF



WELD ALL JOINTS  
AS SHOWN

D2252-1

D2221-1

D2252-7

D2252-23

D2252-1

25.50  
REF

D2327-3  
REF  
SEE DETAIL F  
B2-5

31.19

D2989-19

31.19

D2581

TYP

D2581

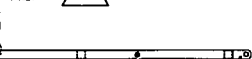
30.00

34.50

30.00

96.00±0.13

D3749-1  
REF



A

A D7-5

# D2252-043 LID FRAME

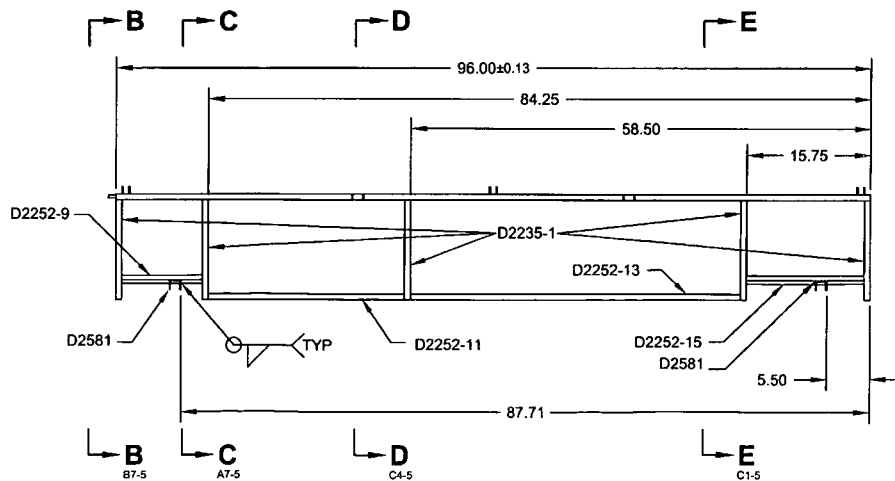
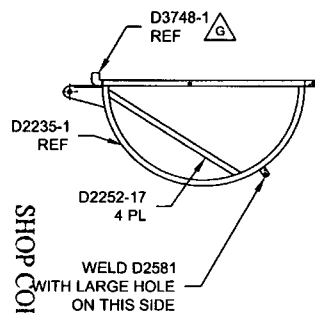
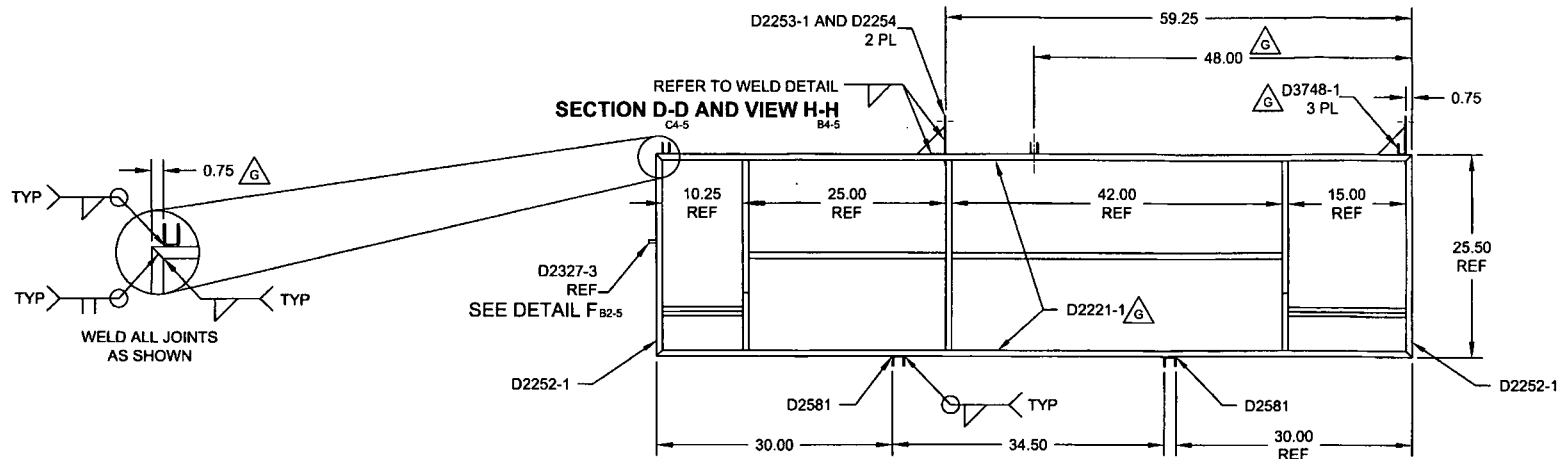
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## LID FRAME NOTES:

- 1) MATERIAL: N/A
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: N/A
- 8) WELDING: PER DART QSI 004
- 9) ALIGN WITH ADJACENT D2581 ON BASE
- 10) CENTER D3749-1 HINGE HALF ON D3748-1 HINGE HALF LOCATED ON D2252-041 BASKET BASE ASSEMBLY

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**D2252-041 BASE FRAME ASSEMBLY**

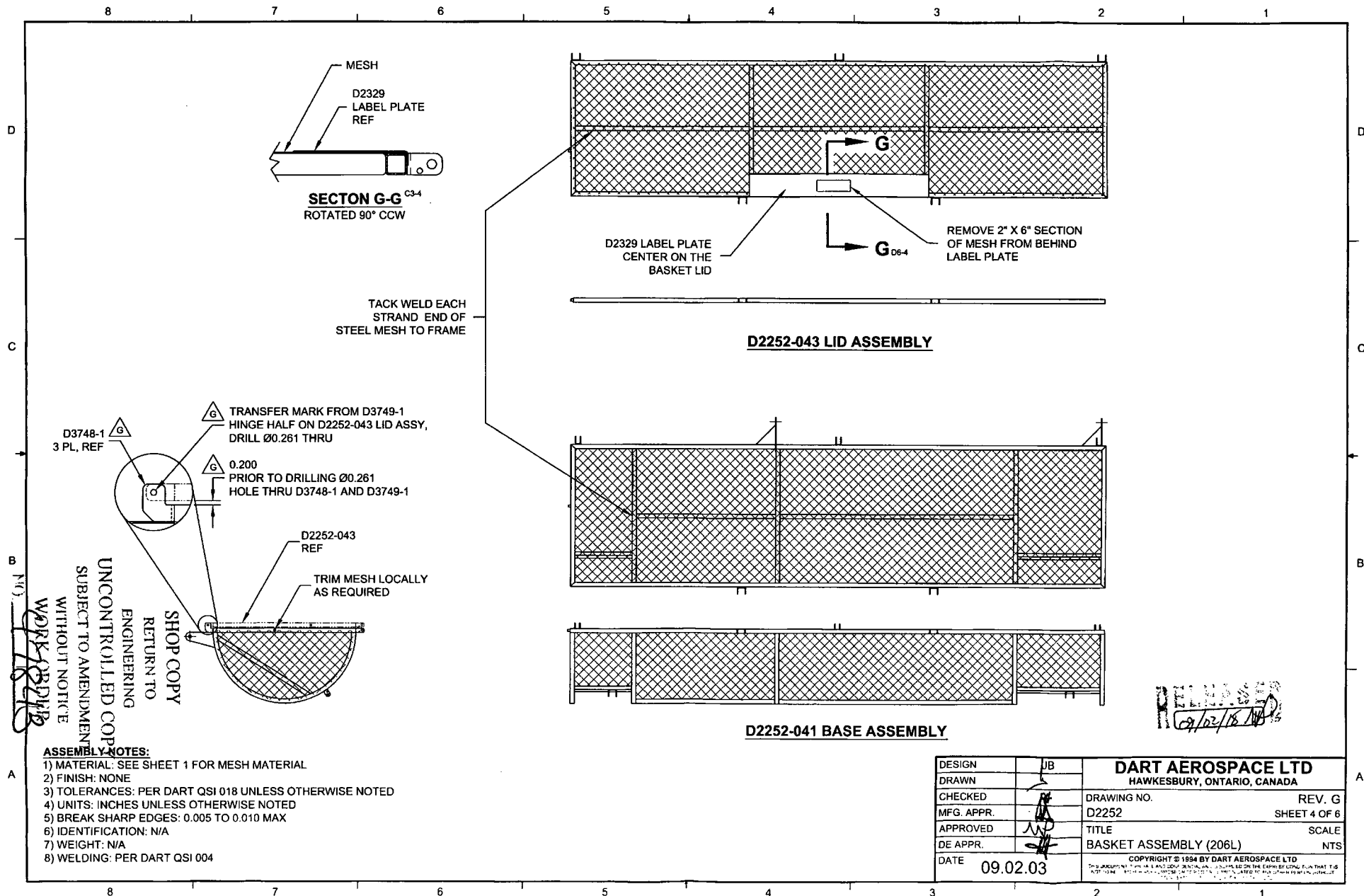
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**BASE FRAME NOTES:**

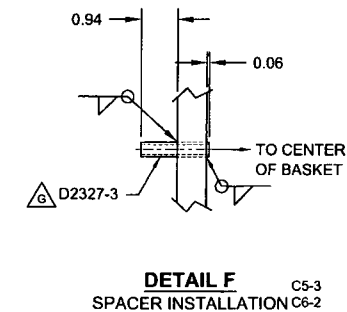
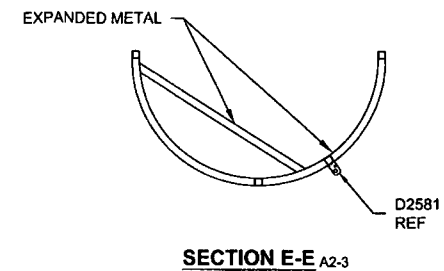
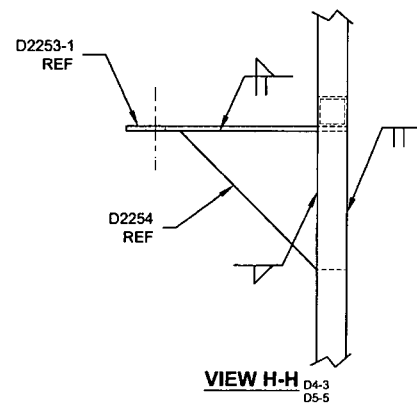
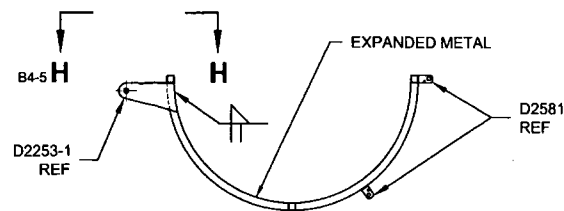
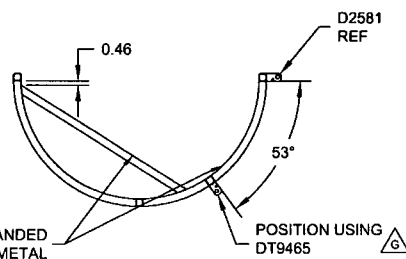
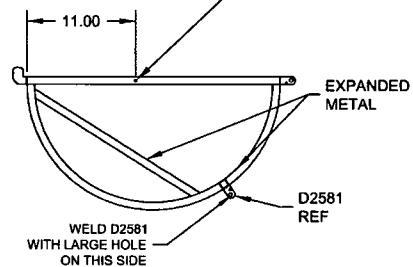
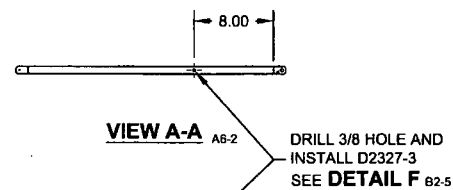
- 1) MATERIAL: N/A
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: N/A
- 8) WELDING: PER DART QSI 004

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8 7 6 5 4 3 2 1



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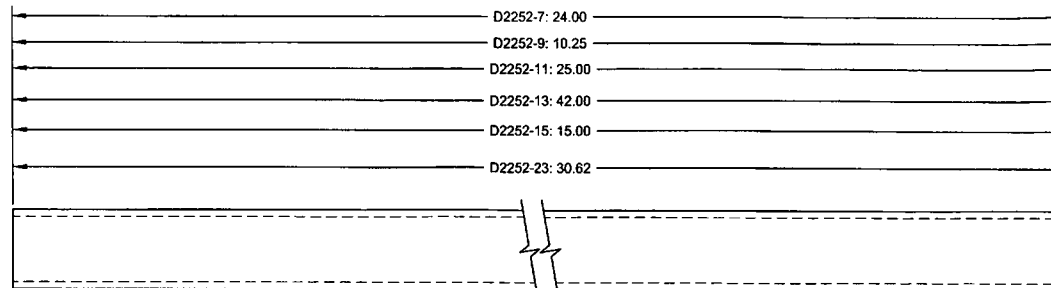
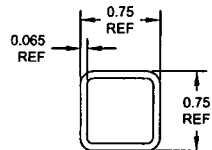
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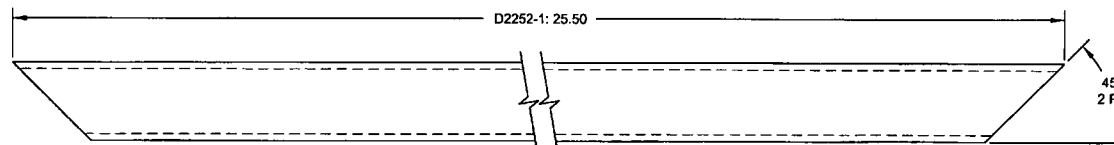
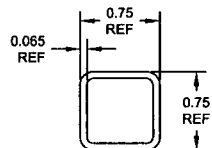
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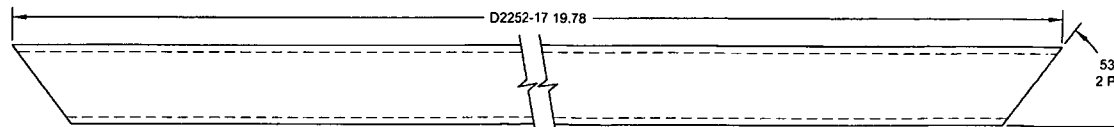
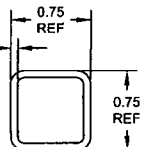
8 7 6 5 4 3 2 1



D2252-7 FRAME  
D2252-9 FRAME  
D2252-11 FRAME  
D2252-13 FRAME  
D2252-15 FRAME  
D2252-23 FRAME








D2252-1 FRAME



D2252-17 FRAME

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- NOTES:**
- 1) FRAME MATERIAL: SEE SHEET 1
  - 2) FINISH: NONE
  - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
  - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
  - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
  - 6) IDENTIFICATION: N/A
  - 7) WEIGHT: N/A

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